

EVAN FRAUSTRO

☎ 832-931-4856

✉ xzander0110@gmail.com

🌐 [linkedin.com/in/evan-fraustro](https://www.linkedin.com/in/evan-fraustro)

🌐 [evanfraustro.com](https://www.evanfraustro.com)

Education

University of Houston

Bachelor of Science in Computer Science

Aug. 2024 – December 2026

Houston, TX

San Jacinto College

Associates of Science in Computer Science

Aug. 2023 – Aug 2024

Pasadena, TX

Relevant Coursework

- Data Structures
- Software Engineering
- Software Design
- Databases
- Algorithms
- Discrete Math
- Operating Systems
- Fundamentals of AI & Machine Learning

Experience

Energy AI Solutions Internship

September 2025 – Present

Software Development Lead → DevOps → Azure Project Management Intern

Houston, TX

- **Project Management Intern** (*Mar 2026 – Present*): Present sprint deliverables weekly to the CEO for a 6-person team; built a pipeline that turns meeting notes into scored task items; building an AI mock-interview feature on Azure AI Foundry (GPT-4o integration in production).
- **DevOps Intern** (*Jan – Mar 2026*): Split a shared Azure App Service Plan, cutting idle CPU from ~90% to ~20% and failing 20+ minute deploys to ~4-minute builds; locked down traffic with VNets and private endpoints.
- **Software Development Lead** (*Sep – Dec 2025*): Led a 5-person team rebuilding the coaching application in React and Python/Flask; added rate limiting, debouncing, triggers, stored procedures, and migration checks.

Projects

Organization Member App | *Next.js, React, Supabase, Stripe*

January 2026 – Present

- Engineered a Next.js web app for member tracking, point allocation, and events, with Stripe-based dues payments.
- Implemented Discord OAuth and Google Calendar sync via Edge Functions; automated SQL migrations and GitHub Actions linting.

RAG System for CodeCoogs | *Python, PostgreSQL, pgvector*

August 2026 – Present

- Built a RAG pipeline with document chunking, embedding generation, and retrieval eval testing on PostgreSQL/pgvector.

Local Resume/ATS Analyzer | *Raspberry Pi, Anthropic API, Python*

June 2026

- Built a self-hosted tool that scores a resume against a job description via the Anthropic API and returns feedback.

Leadership / Extracurricular

CodeCoogs

May 2025 – Present

Vice President Internal

University of Houston

- Direct 18 officers across four divisions in a 32-officer organization; maintain the org website and member hub.
- Grew average competition attendance from 11 to 22 members a semester (peak 29); organizing a UH AI Hackathon.
- Oversee ~10 workshops a semester (15–20 attendees on average), including logistics and marketing coordination.
- Led a client discovery session recommending a cloud-native Azure architecture; partnering with Impact Hub Houston.

Project Team Lead

September 2024 – May 2025

- Led 12 students building a JUCE/C++ audio plugin; team won the Fall 2024 CodeCoogs General Meeting.

Hackathons

2024 – 2026

- **1st Place**, Prisma (Apr 2026): LGBTQ+ safety platform (Next.js, Supabase) with a radio wearable.
- **2nd Place**, Nondiscriminatory Interview Platform (Apr 2025): React app anonymizing candidate identity.
- **3rd Place**, CaseQuest (Nov 2024): Figma design of a club points-management app for four student orgs.

Technical Skills

Programming Languages: Python, JavaScript, C++, C#, Go, SQL, HTML, CSS

Cloud & AI: Azure (App Services, Key Vault, AI Foundry), Google Cloud, RAG, pgvector, Anthropic/OpenAI APIs

Technologies/Frameworks: Next.js, React, Flask, Node.js, Express, TailwindCSS, PyTorch, .NET, PostgreSQL, Linux

Developer Tools: GitHub, GitHub Actions, VS Code, Figma, Notion, Trello